

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,320,971 B2  
APPLICATION NO. : 10/530904  
DATED : January 22, 2008  
INVENTOR(S) : Van Quaquebeke et al.

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 5, Fig. 11, Line 2, "uscharine" should be changed to --uscharin--

Sheet 6, Fig. 12, Line 1, "22" oxo-voruscharin" should be changed to --2"

oxo-voruscharin--

Sheet 8, Fig. 14, Line 1, "22" oxo-voruscharin" should be changed to --2"

oxo-voruscharin--

Sheet 10, Fig. 16, Line 1, "2'2" oxo-voruscharin" should be changed to --2"

oxo-voruscharin--

Sheet 10, Fig. 16, Line 9, "5,106" should be changed to --5.10-6--

Column 2, Line 1, "f.e. calotropin" should be changed to --i.e., calotropin--

Column 3, Lines 47-48, "aryithioalkoxy," should be changed to --arylthioalkoxy,--

Column 4, Line 7, "alkylthio," should be changed to --alkylthio,--

Column 5, Line 11, "aylaminoalkoxy," should be changed to --arylaminoalkoxy,--

Column 6, Line 60, "and Its" should be changed to --and its--

Column 6, Line 67, "the present Invention" should be changed to --the present

invention--

Column 7, Line 12, "FIG. 2 to 8" should be change to --FIGS. 2 to 8--

Column 9, Line 27, "alkylthio," should be changed to --alkylthio,--

Column 9, Line 51, "aylaminoalkoxy," should be changed to --arylaminoalkoxy,--

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Column 10, Line 31, "aylaminoalkoxy," should be changed to --arylaminoalkoxy,--

Column 12, Line 7, "and R<sup>6</sup> is hydrogen" should be changed to --and R<sup>5</sup> is hydrogen--

Column 13, Line 6, "Het<sup>1</sup>alkyl, Het<sup>1</sup>alkyl, Het<sup>1</sup>oxy," should be changed to -- Het<sup>1</sup>alkyl,  
Het<sup>1</sup>oxy,--

Column 13, Line 16, "2,4dimethyl-3-aminophenyl," should be changed to

--2,4-dimethyl-3-aminophenyl,--

Column 13, Line 17, "3-methyl-4hydroxyphenyl," should be changed to

--3-methyl-4-hydroxyphenyl,--

Column 15, Lines 16-17, "3-(benzyloxyformamido-2-naphthoyl," should be changed to

--3-(benzyloxyformamido)-2-naphthoyl--

Column 15, Line 52, "4-(3-aminophenoxy-butyl," should be changed to

--4-(3-aminophenoxy)-1-butyl--

Column 15, Lines 61 and 62, "4 (2-fluorophenoxy)-butylthio," should be changed to

--4-(2-fluorophenoxy)-butylthio,--

Column 16, Line 27, "by a Het as" should be changed to --by a Het<sup>2</sup> as--

Column 16, Line 28, "3 (4-thiazolyl)-propylthio," should be changed to

--3-(4-thiazolyl)-propylthio,--

Column 16, Line 33, "3-(2-furanyl)-propylamino," should be changed to

--3-(2-furanyl)-propylamino--

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Column 19, Line 9, "an wherein" should be changed to --and wherein--

Column 23, Line 51, "terms "Compounds of the" should be changed to --terms  
"compounds of the--

Column 24, Line 56, "such a sarginine," should be changed to --such as arginine,--

Column 25, Line 11, "according to the invenbon" should be changed to --according to  
the invention--

Column 26, Line 56, "has-an apparent" should be changed to --has an apparent--

Column 30, Line 45, "Asclepiadaceae family," should be changed to  
--Asclepiadaceae family,--

Column 40, Last Line, "H" should be changed to -- —H--

Column 42, 3<sup>rd</sup> Line from Bottom, "H" should be changed to -- —H--

Column 57, 5<sup>th</sup> Line from Top, "--CH<sub>2</sub>--CH<sub>2</sub>CH=CH<sub>2</sub>" should be changed to  
-- —CH<sub>2</sub>--CH<sub>2</sub>--CH=CH<sub>2</sub>--

Column 74, Line 29, "of porosity no" should be changed to --of porosity n°--

Column 74, Line 34, "porosity no 3." should be changed to --porosity n° 3.--

Column 74, Line 66, "mixture was filtrated" should be changed to --mixture was  
filtrated--

Column 74, Line 67, "porosity no 3." should be changed to --porosity n° 3.--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 76, Scheme.1, First Line, “BF<sub>3</sub>·OEt<sub>2</sub>, THF, 0° C., 15”” should be changed to

--BF<sub>3</sub>·OEt<sub>2</sub>, THF, 0° C., 15”--

Column 77, Line 3, “BF<sub>3</sub>.Et<sub>2</sub>O” should be changed to --BF<sub>3</sub>.Et<sub>2</sub>O--

Column 78, Line 58, “on FIG. 2 to 8” should be changed to --on FIGS. 2 to 8--

Column 79, Line 9, Table D, “Compound C 5 x 10<sup>-8</sup>-10<sup>-8</sup>” should be changed to

--Compound C 5 x 10<sup>-6</sup>-10<sup>-6</sup>--

Column 79, Line 10, Table D, “Compound D 5 x 10<sup>-9</sup>-10<sup>-9</sup> 5 x 10<sup>-6</sup> -10<sup>-6</sup>”

should be changed to --Compound D 5 x 10<sup>-9</sup>-10<sup>-9</sup> 5 x 10<sup>-8</sup> -10<sup>-8</sup>--

Column 82, Line 19, “in vivo ant-” should be changed to --in vivo anti- --

Column 82, Line 36, “sub-cutaneous model:” should be changed to --subcutaneous model:--

Column 82, Line 41, “is a hormono-” should be changed to --is a hormone- --

Column 83, Line 66, “A549 lung cancer,” should be changed to --A549 lung cancer--

Column 84, Line 34, “cycloalkyithiocarbonyl,” should be changed to  
--cycloalkylthiocarbonyl,--

Column 85, Lines 3-4, “amino alkyl,” should be changed to --aminoalkyl,--

Column 85, Line 42, “NR<sup>8R<sup>9</sup></sup>,” should be changed to --NR<sup>8R<sup>9</sup></sup>,--

Column 85, Line 44, “C(S)NR<sup>6R<sup>9</sup></sup>,” should be changed to --C(S)NR<sup>8R<sup>9</sup></sup>,--

Column 85, Line 49, “NR<sup>8SO<sub>2</sub>NHR<sup>9</sup></sup>,” should be changed to --NR<sup>8SO<sub>2</sub>R<sup>9</sup></sup>,--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 85, Line 55, "amino aryl," should be changed to --aminoaryl,--

Column 85, Line 59, "alkylthio," should be changed to --alkylthio,--

Column 86, Line 26, " $\text{SO}_2\text{NR}^{11}\text{R}^{12}$ ," should be changed to -- $\text{SO}_2\text{NR}^{11}\text{R}^{12}$ ,--

Column 86, Line 35, " $\text{MHSO}_2\text{NR}^{11}\text{R}^{12}$ ," should be changed to -- $\text{NHSO}_2\text{NR}^{11}\text{R}^{12}$ ,--

Column 86, Line 47, "halo alkyl," should be changed to --haloalkyl,--

Column 86, Line 54, "amino alkanoyl," should be changed to --aminoalkanoyl,--

Column 86, Line 55, "amino alkyl," should be changed to --aminoalkyl,--

Column 86, Line 66, "aylaminoalkoxy," should be changed to --arylaminoalkoxy,--

Column 87, Line 65, "amionalkyl" should be changed to --aminoalkyl--

Column 88, Line 23, "cycloalkyithiocarbonyl," should be changed to

--cycloalkylthiocarbonyl,--

Column 88, Line 47, "Het<sup>2</sup>aryloxycarbonyl Het<sup>2</sup>aroyl," should be changed to

--Het<sup>2</sup>aryloxycarbonyl, Het<sup>2</sup>aroyl,--

Column 88, Line 52, "amino alkanoyl," should be changed to --aminoalkanoyl,--

Column 88, Lines 55-56, "amino alkyl," should be changed to --aminoalkyl,--

Column 88, Line 56, "amino aryl," should be changed to --aminoaryl,--

Column 88, Line 64, "halo alkyloxy," should be changed to --haloalkyloxy,--

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Column 89, Line 41, "amino alkyl," should be changed to --aminoalkyl,--

Column 89, Line 42, "amino aryl," should be changed to --aminoaryl,--

Column 89, Line 43, "alkyithiocarbonylamino," should be changed to

--alkylthiocarbonylamino,--

Column 90, Line 4, "and R<sup>7</sup> independently" should be changed to --and R<sup>7</sup> being  
independently--

Column 92, Line 6, "amino alkyl," should be changed to --aminoalkyl,--

Column 92, Line 7, "amino aryl," should be changed to --aminoaryl,--

Column 92, Line 30, "alkyithiocarbonylamino," should be changed to

--alkylthiocarbonylamino,--

Column 93, Line 1, "amino alkyl," should be changed to --aminoalkyl,--

Column 93, Line 3, "alkyithiocarbonylamino" should be changed to

--alkylthiocarbonylamino--

Column 93, Line 42, "amino alkyl," should be changed to --aminoalkyl,--

Column 93, Line 44, "alkyithiocarbonylamino" should be changed to

--alkylthiocarbonylamino--

Column 94, Line 5, "C(O)N(OH)R<sup>8</sup>," should be changed to --C(O)N(OH)R<sup>9</sup>,--

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Column 94, Line 15, "amino alkyl," should be changed to --aminoalkyl,--

Column 94, Line 16, "amino aryl," should be changed to --aminoaryl,--

Column 94, Line 26, "and R<sup>3</sup> are hydroxyl" should be changed to --and R<sup>3</sup> are hydroxyl,--

Column 95, Line 6, "SO<sub>2</sub>R<sup>8</sup>CR<sup>8</sup>=N(OR<sup>9</sup>)," should be changed to --SO<sub>2</sub>R<sup>8</sup>, CR<sup>8</sup>=N(OR<sup>9</sup>),--

Column 96, Line 4, "alkyithiocarbonylamino" should be changed to  
--alkylthiocarbonylamino--

Column 96, Line 50, "alkyithiocarbonylamino" should be changed to  
--alkylthiocarbonylamino--

Column 97, Lines 54-55, "Het<sup>1</sup>alkyloxy, Het oxy, Het oxyalkyloxy," should be changed to --Het<sup>1</sup>alkyloxy, Het<sup>1</sup>oxy, Het<sup>1</sup>oxyalkyloxy,--

Column 97, Line 59, "Het<sup>2</sup>alkyloxy; Het oxyalkyloxy," should be changed to  
--Het<sup>2</sup>alkyloxy, Het<sup>2</sup>oxyalkyloxy,--

Column 98, Line 31, "alkyithiocarbonylamino" should be changed to  
--alkylthiocarbonylamino--

Column 99, Line 1, "and amionalkyl" should be changed to --and aminoalkyl--

Column 99, Line 21, "amino alkyl," should be changed to --aminoalkyl,--

Column 99, Line 29, "halo alkyloxy," should be changed to --aminoalkyloxy,--

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Column 100, Line 4, "amino alkyl," should be changed to --aminoalkyl,--

Column 100, Line 45, "amino aryl," should be changed to --aminoaryl,--

Column 100, Line 46, "alkythiocarbonylamino" should be changed to

--alkylthiocarbonylamino--

Column 101, Line 10, "NR<sup>8</sup>C(S)N(OH)R<sup>9</sup>," should be changed to

--NR<sup>8</sup>C(O)N(OH)R<sup>9</sup>,--

Column 101, Line 16, "amino alkyl," should be changed to --aminoalkyl,--

Column 101, Line 18, "alkythiocarbonylamino" should be changed to

--alkylthiocarbonylamino--

Column 102, Line 1, "amino aryl," should be changed to --aminoaryl,--

Column 102, Line 35, "amino alkyl," should be changed to --aminoalkyl,--

Column 103, Line 10, "and amionalkyl" should be changed to --and aminoalkyl--

Column 103, Line 48, "amino aryl," should be changed to --aminoaryl,--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 104, Line 28, "amino alkyl," should be changed to --aminoalkyl--

Column 104, Line 29, "amino aryl," should be changed to --aminoaryl--

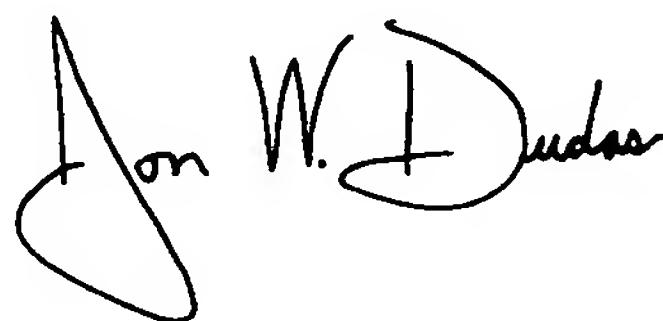
Column 104, Line 30, "alkyithiocarbonylamino" should be changed to

--alkylthiocarbonylamino--

Column 104, Line 31, "wherein R<sup>4</sup>" should be changed to --wherein R<sup>4</sup> is--

Signed and Sealed this

Fifteenth Day of July, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*